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Sequence Listing could not be accepted.

If you need help call the Patent Electronic Business Center at (866)  
217-9197 (toll free).

Reviewer: Anne Corrigan

Timestamp: Thu Aug 02 17:20:00 EDT 2007

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\*\*\*\*\*

Reviewer Comments:

<210> 28

<211> 14

<212> PRT

<213> Artificial

<220>

<223> Synthetic

<220>

<221> misc\_feature

<222> (12)..(12)

<223> Xaa can be any naturally occurring amino acid

<220>

<221> misc\_feature

<222> (13)..(13)

<223> Xaa = at position 13 is norleucine

<400> 28

Phe Ala Leu Ala Glu Glu Glu Ala Tyr Gly Trp Xaa Asp Phe

1

5

10

The above <222> (13)..(13) response is incorrect: "Xaa" is not at  
position 13, "Asp" is.

\*\*\*\*\*

Application No: 10505239

Version No: 2.0

**Input Set:****Output Set:****Started:** 2007-07-30 18:17:35.343**Finished:** 2007-07-30 18:17:36.501**Elapsed:** 0 hr(s) 0 min(s) 1 sec(s) 158 ms**Total Warnings:** 28**Total Errors:** 0**No. of SeqIDs Defined:** 28**Actual SeqID Count:** 28

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W 213	Artificial or Unknown found in <213> in SEQ ID (2)
W 213	Artificial or Unknown found in <213> in SEQ ID (3)
W 213	Artificial or Unknown found in <213> in SEQ ID (4)
W 213	Artificial or Unknown found in <213> in SEQ ID (5)
W 213	Artificial or Unknown found in <213> in SEQ ID (6)
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W 213	Artificial or Unknown found in <213> in SEQ ID (18)
W 213	Artificial or Unknown found in <213> in SEQ ID (19)
W 213	Artificial or Unknown found in <213> in SEQ ID (20)

**Input Set:**

**Output Set:**

**Started:** 2007-07-30 18:17:35.343  
**Finished:** 2007-07-30 18:17:36.501  
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**No. of SeqIDs Defined:** 28  
**Actual SeqID Count:** 28

Error code

Error Description

This error has occurred more than 20 times, will not be displayed

# SEQUENCE LISTING

<110> TARASOVA, Nadya I  
MICHEJDA, Christopher J  
DYBA, Marcin  
COHRAN, Carolyn

<120> CONJUGATES OF LIGAND, LINKER AND CYTOTOXIC AGENT AND RELATED  
COMPOSITIONS AND METHODS OF USE

<130> 229694

<140> 10505239

<141> 2004-10-12

<150> US 10/505,239

<151> 2004-10-12

<150> PCT/US03/06344

<151> 2003-02-27

<150> 60/360,543

<151> 2002-02-27

<150> 60/370,189

<151> 2002-04-05

<160> 28

<170> PatentIn version 3.4

<210> 1

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Phe Ala Leu Ala

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Val Leu Ala Leu Ala

1

5

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Ala Leu Ala Leu  
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Ala Leu Ala Leu Ala  
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Leu Gly Pro Gln Gly Pro Pro His Leu Val Ala Asp Pro Ser Lys Lys  
1 5 10 15

Gln Gly Pro Trp Leu Glu Glu Glu Glu Glu Ala Tyr Gly Trp Met Asp  
20 25 30

Phe

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Trp Xaa Asp Phe  
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Asp Xaa Met Gly Trp Met Asp Phe  
1 5

<210> 8  
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<222> (2)..(2)  
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<222> (3)..(3)  
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<220>  
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<222> (6)..(6)

<223> Xaa = at position 6 is norleucine

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Asp Xaa Xaa Gly Trp Xaa Asp Phe

1 5

<210> 9

<211> 27

<212> PRT

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<220>

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<400> 9

Val Pro Leu Pro Ala Gly Gly Gly Thr Val Leu Thr Lys Met Tyr Pro

1 5 10 15

Arg Gly Asn His Trp Ala Val Gly His Leu Met

20 25

<210> 10

<211> 7

<212> PRT

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<220>

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<400> 10

Trp Ala Val Gly His Leu Met

1 5

<210> 11

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<212> PRT

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<223> Synthetic

<400> 11

Ala Gly Cys Lys Asn Phe Phe Trp Lys Thr Phe Thr Ser Cys

1 5 10

<210> 12

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<212> PRT

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<220>

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<222> (1)..(8)

<223> wherein the peptide is carboxylated at either the N-or C-terminus

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Phe Cys Phe Trp Lys Thr Cys Thr

1 5

<210> 13

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<212> PRT

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<223> Synthetic

<400> 13

Arg Pro Leu Pro Gln Gln Phe Phe Gly Leu Met

1 5 10

<210> 14

<211> 15

<212> PRT

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<220>

<223> Synthetic

<400> 14

Pro Gly Thr Cys Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys

1 5 10 15

<210> 15

<211> 14

<212> PRT

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<400> 15

Asn Asp Asp Cys Glu Leu Cys Val Ala Cys Thr Gly Cys Leu



1 5 10

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Asn Tyr Cys Cys Glu Leu Cys Cys Asn Pro Ala Cys Thr Gly Cys Phe  
1 5 10 15

<210> 17  
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<220>  
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<400> 17

His Ser Asp Ala Leu Phe Thr Asp Asn Tyr Thr Arg Leu Arg Leu Gln  
1 5 10 15

Met Ala Val Lys Lys Tyr Leu Asn Ser Ile Leu Asn Gly  
20 25

<210> 18  
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<222> (17)..(17)  
<223> Xaa = at position 17 is norleucine

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His Ser Asp Ala Leu Phe Thr Asp Asn Tyr Thr Arg Leu Arg Leu Gln  
1 5 10 15

Xaa Ala Val Lys Lys Tyr Leu Asn Ser Ile Leu Asn Gly  
20 25

<210> 19  
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<400> 19

Ala Tyr Gly Trp Xaa Asp Phe  
1 5

<210> 20  
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<220>  
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<220>  
<221> misc\_feature  
<222> (8)..(8)  
<223> Xaa = at position 8 is norleucine

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Glu Glu Glu Ala Tyr Gly Trp Xaa Asp Phe  
1 5 10

<210> 21  
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<220>  
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<223> Xaa = at position 1 is 2-cyclohexyl-L-alanine

<400> 21

Xaa Leu Ala Leu Ala

1 5

<210> 22

<211> 5

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<223> Synthetic

<220>

<221> misc\_feature

<222> (1)..(1)

<223> Xaa = at position 1 is 2-cyclohexyl-L-alanine

<220>

<221> misc\_feature

<222> (2)..(2)

<223> Xaa = at position 2 is 2-cyclohexyl-L-alanine

<400> 22

Xaa Xaa Leu Ala Leu

1 5

<210> 23

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic

<220>

<221> misc\_feature

<222> (1)..(1)

<223> Xaa = at position 1 is 1-naphtyl-alanine

<220>

<221> misc\_feature

<222> (2)..(2)

<223> Xaa = at position 2 is 2-cyclohexyl-L-alanine

<400> 23

Xaa Xaa Leu Ala Leu

1 5

<210> 24

<211> 5

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<220>  
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<400> 24

Xaa Leu Ala Leu Ala  
1 5

<210> 25  
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<400> 25

Val Leu Ala Leu Ala Glu Glu Glu Ala Tyr Gly Trp Xaa Asp Phe  
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<210> 26  
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<220>  
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<220>  
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<222> (1)..(1)  
<223> V = at position 1 is conjugated to SPA110

<220>  
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<222> (13)..(13)  
<223> Xaa = at position 13 is norleucine

<220>  
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<222> (15)..(15)  
<223> F = at position 15 comprises a C-terminal amide group

<400> 26

Val Leu Ala Leu Ala Glu Glu Glu Ala Tyr Gly Trp Xaa Asp Phe  
1 5 10 15

<210> 27  
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<212> PRT  
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<222> (1)..(1)  
<223> Xaa = at position 1 is 2-cyclohexyl-L-alanine and is conjugated  
to HTI-286

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<222> (13)..(13)  
<223> Xaa = at position 13 is norleucine

<220>  
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<222> (15)..(15)  
<223> F = at position 15 comprises a C-terminal amide group

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Xaa Leu Ala Leu Ala Glu Glu Glu Ala Tyr Gly Trp Xaa Asp Phe  
1 5 10 15

<210> 28  
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<212> PRT  
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<221> misc\_feature  
<222> (12)..(12)  
<223> Xaa can be any naturally occurring amino acid

<220>

<221> misc\_feature  
<222> (13)..(13)  
<223> Xaa = at position 13 is norleucine

<400> 28

Phe Ala Leu Ala Glu Glu Glu Ala Tyr Gly Trp Xaa Asp Phe  
1                  5                  10